

J. Christopher Bare

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Summary

Software Developer with 10+ years professional experience. Specializing in building object oriented server-side and GUI applications. Strong logical, analytical, and problem-solving skills. Quick and enthusiastic learner. Skilled in software design, design patterns, refactoring, and modern development practices.

Technical Skills

Java, J2EE, HTML, Swing, Servlets, JDBC, Hibernate, Ant, JUnit, Javadoc, C++, C, Perl, Python, Scheme, Unix Shell Scripting, XML, SQL, Relational Database Management, UML.

Education

University of Washington, Professional Master's Program in Computer Science (in progress)

- Coursework in Mathematics, Artificial Intelligence, Transaction Processing, and Algorithms.

Pennsylvania State University, B.S. Mathematical Science, Minor Computer Science (1992)

- Coursework in Computer Science and Biology

Professional Experience

- Developed a rich client in Swing with J2EE middle tier enabling pharmaceuticals researchers to define experimental protocols using a controlled vocabulary.
- Served as Technical Lead on a team of three developers with responsibility for software architecture, mentoring junior developers, and assisting Project Managers with requirements, specifications, and scheduling.
- Refactored existing software to Model-View-Controller architecture increasing maintainability and cleanly separating domain logic and display concerns.
- Co-wrote a data abstraction layer to support multiple database engines (Oracle8i and DB2).
- Wrote documentation, unit tests, and Ant build scripts.
- Managed source code repositories using Perforce and CVS.
- Developed web UI for a functional genomics knowledge base using JSP, Servlets, Java Applets, HTML, JavaScript, and CSS. Coded white-box test cases.
- Developed financial web application using ASP, Visual Basic, COM, IIS, and SQL Server.
- Wrote multimedia applications in Visual Basic, C/C++, and the Windows API.
- Assisted in database management and programming for medical clinical trials research.
- Performed graphing, curve fitting, and data analysis for presentations and grant proposals.

Work History

Amgen, Thousand Oaks, CA	2003-2004
PeopleLink, Santa Monica, CA	2000-2003
InGenuity Systems, San Jose, CA	2000
Business Data Services, Costa Mesa, CA	1999
Merck & Company, Inc., West Point, PA	1995-1998
Hahnemann University Hospital, Philadelphia, PA	1992-1994